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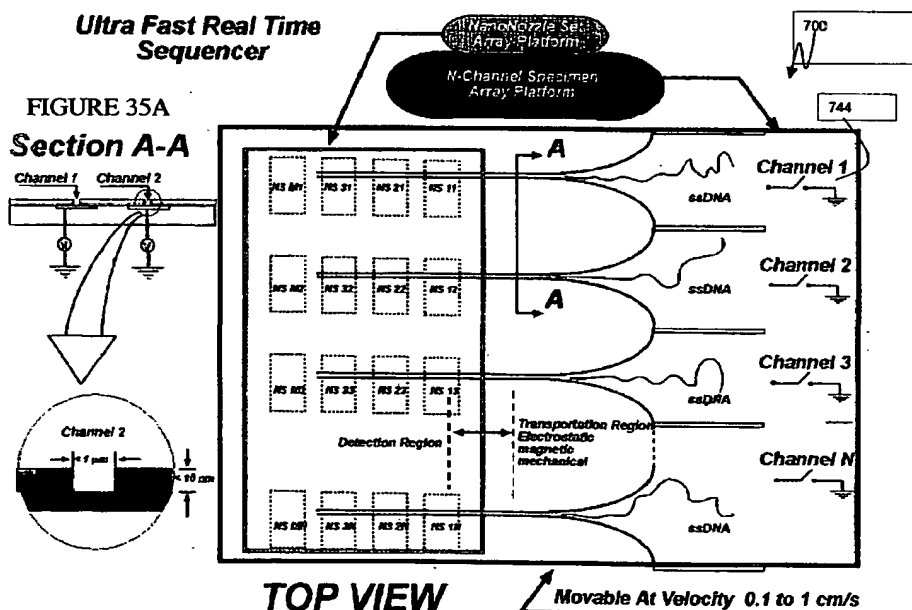
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ning of each regular issue of the PCT Gazette.

(54) Title: MICRO-NOZZLE, NANO-NOZZLE, MANUFACTURING METHODS THEREFOR, APPLICATIONS THEREFOR



(57) Abstract: A nozzle structure is provided comprising a monolithic body having an array of nozzles. The nozzles having openings (360) with sectional openings having heights of about 100 nm or less. The nozzles are generally associated with one or more well structures (330).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/03770

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01L 47/02, 21/4763; C12M 1/36; B01L 3/02
US CL : 257/007 ; 438/624 ; 435/287.9 , 287.01 ; 422/100,180

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,762,050 B2 (FUKUSHIMA et al) 13 June 2004 (13.06.2004) the whole document	1-35
A	US 2003/0049177 A1 (SMITH et al)	1-35

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